

Thermal Properties of Coals Undergoing Pyrolysis,
by V. K. Zamoluyev.

RUSSIAN, per, Khim i Tekh Topliva i Masel, No 7,
1959, pp 20-23.

NLL M.3449

Sci - Chem

May 62

193, 858

Reaction Rates in the Pyrolysis of Ethane, by
N. L. Barabanov,

RUSSIAN, per, Khim i Tekhnol Topliv i Masel,
Vol IV, No 8, 1959, pp 19-22.

AT&T RJ-2076

Sci - Chem

May 60

115,381

Selective Hydrorefining of Catalytically Cracked Gasolines, by L. N. Osipov, D. L. Gol'dshtain.

RUSSIAN, per, Khim i Tekhnol Topliv i Massei, Vol IV,
No 8, 1959, pp 22-25.

ADS RJ-2078
" 64L36R

Sci - Chem

May 60

115,383

R-2574

(NY-3153).

The Oil Refining of the USSR During the Seven-Year Plan (1959-1965), by V. P. Sukhanov, 12 pp.

RUSSIAN, per, Khim i Tekh Tonliv i Masel, No 9, 1959, pp 1-8.

JPRS-L-1132-N

USSR
Econ
Dec 59

104,420

(NY-3000)/7).

Language Requirements for Industrial Production
A Most Important Principle for Development of the
Petroleum Industry of the USSR, by P. Ya. Deyder
13 pp.

RUSSIAN, per, Khim i Tekh Topliv i Masel, No 9,
1959, pp 8-15.

JPRS 2404
RF 1419-77 112 858

USSR
Econ - Technological - USSR Industry
Apr 60

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| | <p>61-27706</p> <p>THERMAL STABILITY OF JET FUELS. 17 July 61, 4p. AID Rept. 61-107; AD-261 448. Order from OTS or SLA \$1.10 61-27706</p> <p>Review of <i>Khimiya i Tekhnologiya Topliv i Masek</i> (USSR) 1957 [v. 2] no. 9, p. 66-70; 1960 [v. 5] no. 10, p. 35-38; 1961 [v. 6] no. 5, p. 48-53.</p> <p>DESCRIPTORS: *Jet engine fuels, *Aviation fuels, Contamination, Chemical impurities, High temperature research, *Thiols, Sulfur compounds, Bronze, Brass, Corrosion, Deterioration, Catalysts, Catalysis, Test methods, Sedimentation, Stability.</p> <p>Contents: <i>The catalytic effect of copper-base alloys on resin</i> formation in T-type jet fuels, by I. E. Bespolov, D. E. Kestner, and O. V. Pletneva (Materials--Fuels. TT, v. 8, no. 2) (over)</p> | <p>I. AID-61-107 II. AD-261 448 III. Aerospace Information Div., Washington, D. C.</p> |
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Effect of Different Catalysts on the Process of
Paraffin Oxidation, by Gu Boe,

RUSSIAN, per, Khim i Tekhnol Topliv i Masei, Vol IV,
No 10, 1959, pp 10-16.

ATS RJ-2089

Sci - Chem

May 60

115,386

Karapetyants, M. H. and Chen, Huang Yu.
THE TEMPERATURE DEPENDENCE OF THE SATURATED VAPOR PRESSURE OF n-ALKYL CYCLOHEXANE. [1961] [6p. 16 refs.
Order from OTS or SLA \$1.10

61-27987

Trans. of Khim[iya] i Tekhnologiya Topliv i Masel
(USSR) 1959, v. 4, no. 10, p. 28-31.

DESCRIPTORS: *Cyclohexanes, Vapor pressure,
Temperature, Alkyl radicals.

Earlier statements and applications of the combined calculation method were used for the calculations of the temperature-dependence of the saturation pressure of n-alkylcyclohexanes. Coefficients were derived which were used to establish the temperature-dependence for various n-alkylcyclohexanes; for a number of these substances there is no previous data reported in the literature. (Author)

61-27987

I. Karapetyants, M. H.
II. Chen, Huang Yu.
III. Translations, New York

187376

(Chemistry--Organic,
TT, v. 6, no. 10)

Office of Technical Services

X
The Preparation of α -Xylene From
Diisobutylene, by V. I. Karzhev,
A. M. Lebedeva, 4 pp.

RUSSIAN, per, Khim i Tekhnol Topliv i Masel
Vol. IV, No 10, 1959, pp 31-34.

ATS-21M40R
AIS - RJ-2395
186,302

Mar 62

The Lacquer Forming Tendencies of Diesel Fuels,
Kerosines and Gasolines, by K. K. Papok, K. I.
Bessmertniy.

RUSSIAN, per, Khim i Tekh Topliva i Masel, No 10,
1959, p 3⁴.

NLL M. 2657

Sci - Fuels, Chem

Nov 61

174, 427

R-2608

(DC-3205).

Certain Problems of Constructing Petroleum
Refineries in the USSR, by S. K. Lalabekov, 6 pp.

RUSSIAN, per, Khim Tekh Topliv i Masel, No 10,
1959, pp 62-64.

JPRS-L-2085-D

USSR
Sci - Chemistry
Feb 60

AF 1419⁴³⁹ 107887

High-Grade Fuels and Oils; Results of New
Technology, 3 pp.

RUSSIAN, por, Khim i Tekh Topliv i Masel,
Vol IV, No 11, 1959, pp 1-3.

ATB-46M38R

Sci
Feb 62
Vol III, No 11

182, 812

Variation in the Electrical Resistance of Coals
During Heating, by A. A. Agroskin.

RUSSIAN, per, Khim i Tekh Topliv i Masel, 1959,
pp 7-15.

CRL/T.836

Sci
Dec 62

The Effect of Some Lubricating-Oil Additives on
Pitting, by M. D. Bezborod'ko, G. S. Krivoshchin.

RUSSIAN, per, Khim i Tekh, Topliva i Masel, No 31,
1959, pp 13-17.

DSIR LLU M.1566
(ican)

Sci - Engr

122564

Aug 60

CIA FOU XX 1010
USIS Only

Dispersion of Insoluble Sediment Which Forms
in Jet Fuels Upon Heating, by Ya. B. Chertkov,
V. M. Shchagin, 10 pp. UNCL

RUSSIAN, per, Khim i Tekh Topliv i Masel,
No 11, 1959, pp 23-38.

AF 1419447

Sci - Fuels *Jan 17 1960* 111,925
Mar 60

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| Zabryanskii, Ye. I. and Robert, A. EVALUATION OF THE DETONATION STABILITY OF GASOLINES AND OF COMPONENTS WITH OCTANE NUMBERS ABOVE 100. [1960] 4p. 7 refs. Order from LC or SLA m\$1.80, ph\$1.80 60-16899 Trans. of Khimika i Tekhnologiya Topliv i Masei (USSR) 1959 [v. 4] no. 11, p. 36-38. | 60-16899 1. Octane--Stability 2. Gasoline--Stability I. Zabryanskii, Ye. I. II. Robert, A. 142, 906 |
| (Materials--Fuels, TT, v. 5, no. 3) | Office of Technical Services |

Changes of the Method for Sulfur Determination
in Clear Petroleum Products, by
M. I. Vasil'yeva, N. A. Vorob'yev, P. G. Ivanov,
4 pp.

RUSSIAN, per, Khim i Tekh Topliv i Masel,
Vol. IV, No 11, 1959, pp 39-41.

SLA 60-16578

Sci

3 Mar 62

186, 179

Dynamics of Chemical Conversions in Flow
Reactors With Internal Mixing, by
A. P. Zinov'yeva, D. I. Grochko, 10 pp.

RUSSIAN, per, Khim i Tekh Tpliv i Massei,
Vol IV, No 11, 1959, pp 41-458.

SLA 60-18067

Sci
Vol IV, No 9
Mar 62

187, 011

Karpov, N. F.
IMPROVEMENT IN THE TECHNOLOGY OF
TSIATIM-339 ADDITIVE PRODUCTION (Usovershen-
stvovaniye Tekhnologii Izgoyovleniya Prisadki Tsyatim-
339). [1961] [4]p. [DSIR LLU] M. 2990.
Order from OTS or SLA \$1.10

61-23234

Trans. of Khim[ika] i Tekhnologiya Topliv i Masel
(USSR) 1959 [v. 4] no. 12, pp. 1-2.

DESCRIPTORS: Phenols, Separation, Catalysts, Alky
radicals, *Additives, Sodium compounds, Benzenes,
Sulfonic acids, Production *Phenyl radicals.

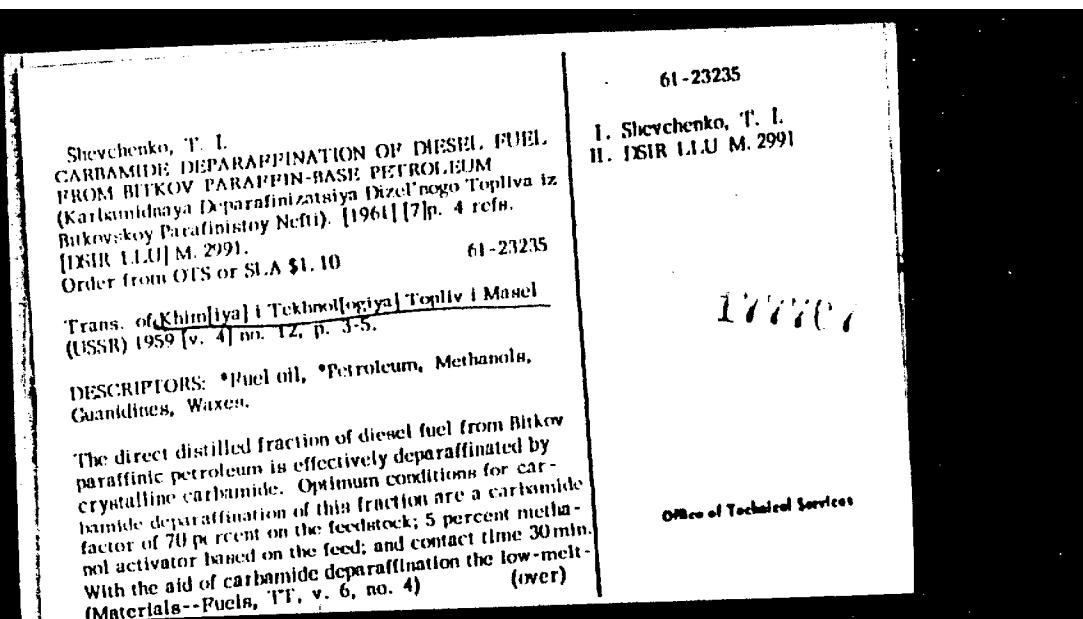
Investigations carried out under laboratory and industrial conditions have demonstrated the possibility of eliminating the discharge of phenol and benzene sulphonic acid into industrial effluents. The additive Tsifatim-339 obtained is not inferior in quality to that obtained by the normal method. The sodium salt of benzene sulphonic acid may be used in chemical industry undertakings. (Author)

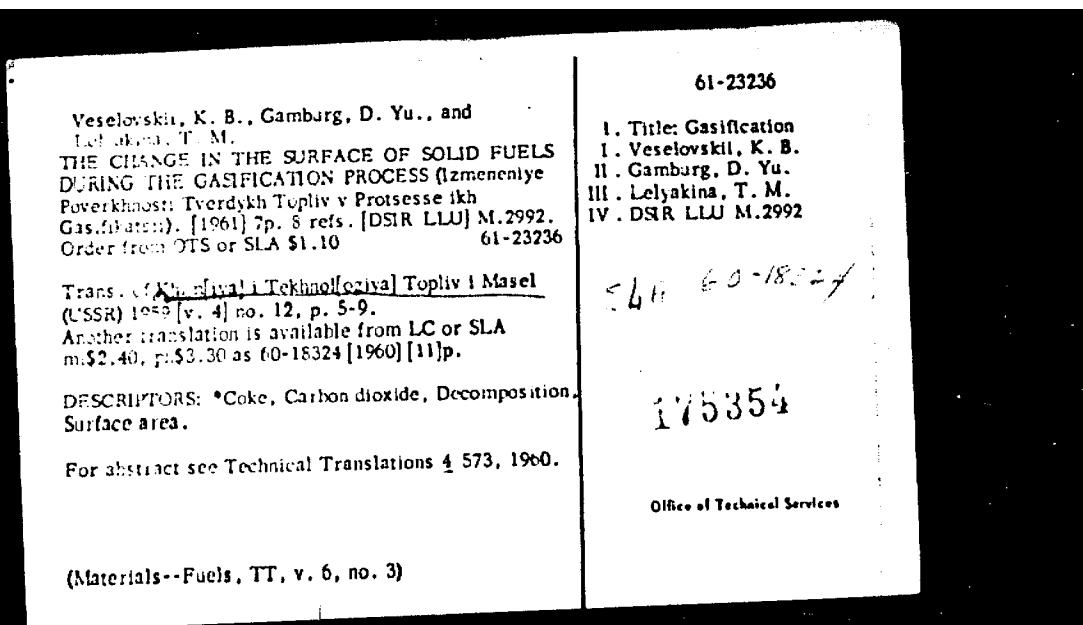
61-23234

- I. Title: Tsifatim-339
- II. Karpov, N. F.
- III. DSIR LLU M. 2990

285179

Office of Technical Services
(Engineering--Chemical, TT,
v. 6, no. 8)





VISHNEVSKIY, N. E.
MIXING APPARATUS FOR A REACTOR FOR THE
PRODUCTION OF ALKYL SULFURIC ACIDS
(Gorenozavodskaya Nekotorye Ustroystva Reaktora dlya
Pocheshchiva ANTRAKITOVYKH Kislk). [1961] [10]p. 5 refs.
[DSR LLU] M 2993.
Order from GTS or SLA \$1.10

61-23237

Trans. of Khim[ic] i Tekhnologiya Topliv i Masel
(USSR) 1963 [v. 4] no. 12, p. 9-13.

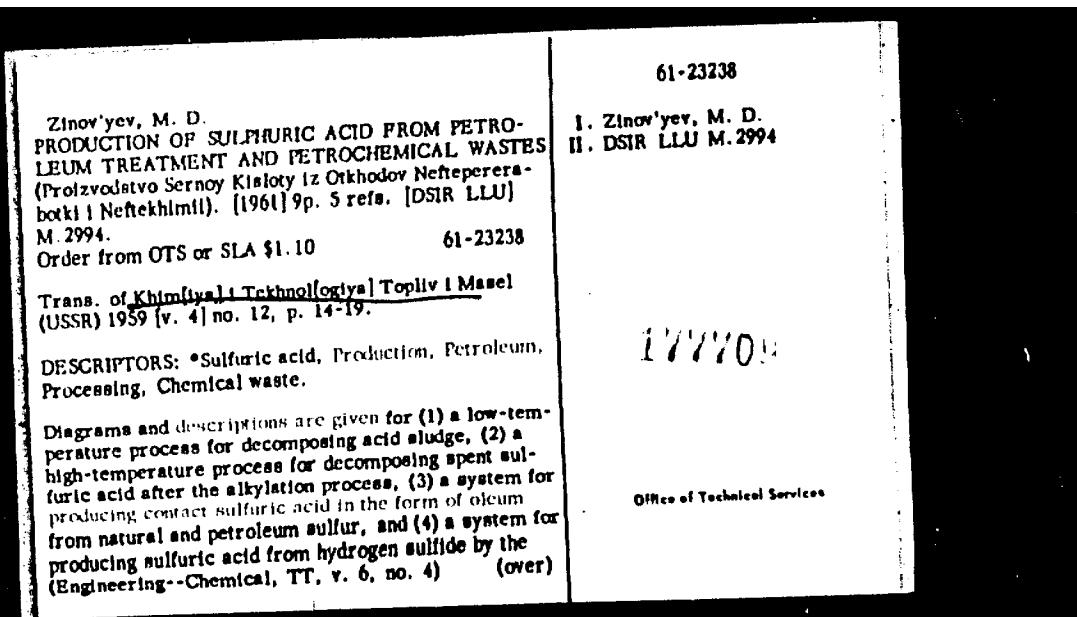
DESCRIBERS: *Sulfuric acid, Alkyl radicals,
Production, *Stirrers, Design.

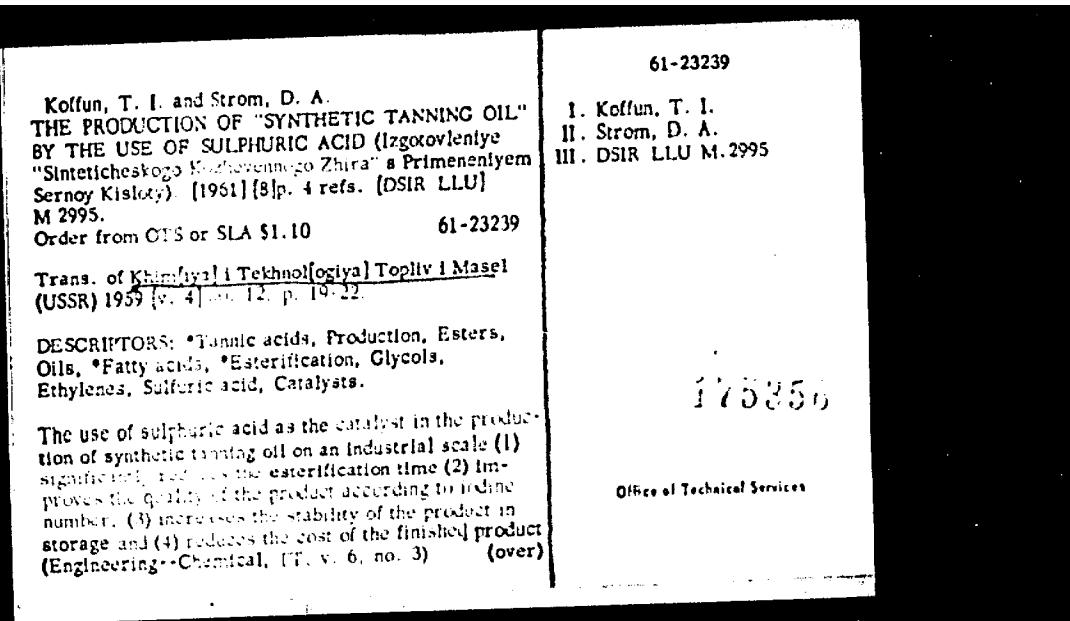
In operation at increased pressure and in a corro-
sive medium, when the use of a stuffing box becomes
difficult it is recommended that an electro-magnetic
drive should be used which makes possible complete
hydraulic sealing of the apparatus at any rotational
velocity of the shaft. For a screw with diffuser the
velocity coefficient or provisional hydraulic efficiency
(Engineering--Chemical, TT, v. 6, no. 3) (over)
(Engineering--Chemical, TT, v. 6, no. 3)

61-23237
I. Vishnevskiy, N. E.
II. DSR LLU M 2993

Office of Technical Services

170355





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| <p>Ishchuk, Yu. L. and Strom, L. D. A CONTINUOUS PROCESS FOR ESTERIFICATION OF SYNTHETIC FATTY ACIDS BY ETHYLENE GLYCOL IN THE PRESENCE OF A CATALYST - SULPHURIC ACID (Nepreryvnyy Protsess Esterifikatsii Sinteticheskikh Zhirnykh Kislot Etilenglikolem v Prisutstvii Katalizatora - Sernoy Kisloty). [1961] [6]p. [DSIR LLU M. 2996]. Order from OTS or SLA \$1.10</p> <p>Trans. of Khim[iya] i Teknol[ogiya] Topliv i Masel (USSR) 1959 [v. 4] no. 12, p. 22-24.</p> <p>DESCRIPTORS: *Fatty acids, *Esterification, Glycols, Ethylenes, Catalysts, Sulfuric acid, Industrial plants, Design, *Tannic acids, Esters, Oils.</p> <p>The use of sulphuric acid, instead of zinc oxide, as the catalyst has made it possible to construct a plant for continuous esterification of a wide fraction of synthetic fatty acids with ethylene glycol. (Engineering--Chemical, TT, v. 6, no. 3)</p> | <p>61-23240</p> <p>I. Ishchuk, Yu. L. II. Strom, L. D. III. DSIR LLU M. 2996</p> <p>170357</p> <p>Office of Technical Services</p> |
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| <p>Freidin, B. G. and Tsykovskii, V. K. THE APPLICATION OF VARIOUS CATALYSTS FOR THE OXIDATION OF PARAFFIN (Primenenie Razlichnykh Katalizatorov pri Okislenii Parafina), [1961] [10]p. 11 refs. [DSIR LLU] M. 2997. Order from OTS or SLA \$1.10 Trans. of Khim[iya] i Tekn[iika] Topliv i Masel (USSR) 1959 [v. 4] no. 12, p. 25-29.</p> <p>61-23241</p> <p>DESCRIPTORS: *Catalysts, Oxidation, *Hydrocarbons, Potassium compounds, Manganese compounds, Per- manganates, Reaction kinetics.</p> <p>The presence of potassium compounds stabilizes the valency state of manganese in the induction period of oxidation of hydrocarbons in the liquid phase which leads to an increase in the duration of the induction period but accelerates the formation of acids in the ad- vanced stage of the reaction. Under experimental con- ditions the influence of potassium permanganate was (Chemistry-Physical, TT, v. 6, no. 3) (over)</p> | <p>61-23241</p> <p>L Freidin, B. G. IL Tsykovskii, V. K. III DSIR LLU M. 2997</p> <p>175356</p> <p>Office of Technical Services</p> <p>41-23241</p> |
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Zaslavskiy, Yu. S., Kreyn, S. Ye. and others.
THE NATURE OF PROTECTIVE FILMS FORMED BY
ANTI-CORROSION ADDITIVES IN MOTOR OILS
(O Primenenii Antikorozionnykh Prikazok, Obrazuyemykh Anti-
korroziynymi Prisadkami k Masmnym Maslam).
[1961] [12], p. 4 refs. [DSIR LLU M 2998].
Order from OTS or SLA \$1.60

61-23242

61-23242
L Zaslavskiy, Yu. S.
IL Kreyn, S. Ye.
III DSIR LLU M 2998

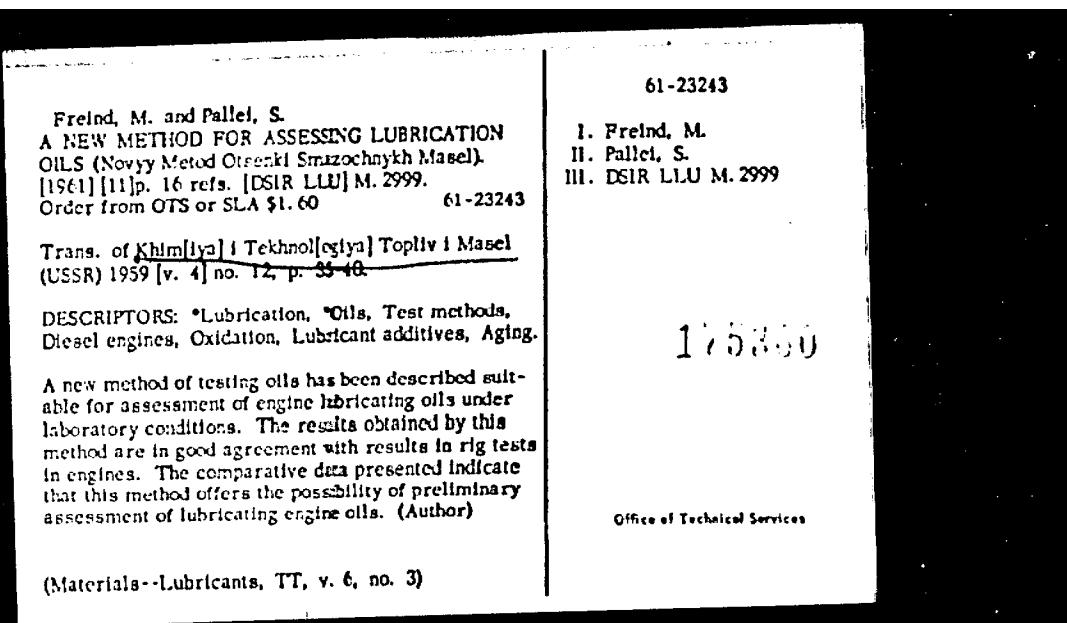
Trans. of Khimika i Tekhnika Topliv i Maset
(USSR) 1959 [v. 4] no. 12, p. 29-35.

DESCRIPTORS: *Lubricants, Corrosion inhibition,
*Lubricant additives, Effectiveness.

The mechanism of the action of anti-corrosive additives in motor oils, containing sulphur or phosphorus, or containing sulphur and phosphorus together, results in the formation of films by these additives on the surface of the metal (lead) and these films are found to be protective only in the case where they are formed by molecules of the additive. From the polar, sulphur-
Materials-Lubricants. TT, v. 6, no. 3) (over)

175359

Office of Technical Services



The Structural-Group Composition of Fuels and Their
Chemical Properties, by G. S. Shimonayev, L. S.
Stepanova.

RUSSIAN, per, Khim i Tekh Topliva i Masel, No 12,
1959, pp 41-45.

NLL M. 3000

Sci

Feb 62

186, 0900

A Spectrophotometric Method for the Determination
of Butyl Alcohols, by Ya. E. Samulyakovskiy. TPF.

REBZIAN, per, Khim i Tekh Topliva i Masel, No 12,
1959, pp 46-50.

MLL M. 3001
ATS RJ-4062 also ATS-28 QTR

Sci - Chem

Feb 62

186, 844

Determination of the Dispersing Properties of
Detergent Additives to Motor Oils, by E. A.
Myshkin.

RUSSIAN, per, Khim i Tekh Tepliv i Masel, No 12,
1959, pp 50-54.

OTS 61-27571
MLL M. 3002

ATC-05M4J R

ATS-RJ-2885
1/26, 961

Sci

Feb 62

The Development of Jet Fuels Abroad, by V. N.
Zrelov, UNCL 11 pp.

RUSSIAN, per, Khim i Tekh Topliv i Masei, No 12,
1959, pp 54-59. 9660422

ATTIC MCL-594/III

Fuels
Sci - Public

Wire DC-2

Apr 69

NL 1 1969

147,785

The Role of the Petrochemical Industry in Chemical
Production in the U.S.A., by Z. V. Kir'yanova,
A. D. Rabinovich.

RUSSIAN, per, Khim i Tekh Topliva i Masel, No 12,
1959, pp 60-63.

OTS 61-27574
MLL N. 3004

USSR
Soviet
Union
Feb 62

186,960

Phosphorus Containing Additives in Ethylated
Automobile Benzenes to Combat the Harmful Effects
of Scale on Engine Operation, by I. V. Rozhkov.

RUSSIAN, per, Khim i Tekh Topliva i Masel, No 12,
1959, pp 64-67.

MLL M. 3005

Sci

186, 962

Feb 62

Miniatute Adsorption Apparatus for Removal of
Benzene From Petroleum Gases,

RUSSIAN, per, Khim i Tekh Topliva i Masel, No 12,
1959, pp 67-68.

ATTACHMENT
ILL. N. 3006

Sci

186, 911

Feb 62

Cracking and Hydrogenating Activity of
Some Catalysts in a Process of Destruc-
tive Hydrogenation of Residua Under
a Pressure of 30 Atmospheres, by Y. R.
Kotsobashvili, S. A. Golosov, 6 pp.

RUSSIAN, per, Khim i Tekh Topliv i
Masel, Vol V, No 1, 1960, pp 8-12.

Sci
Mar 62
Vol IV, No 2

AT&T-20M40R
AT&T-2379
AT&T-788, 893

Improvement in Fuel Testing; Determination of Cloud Point by Ultrasonics, 3 pp.

RUSSIAN, per, Khim i Tekh Topliv i Masel, No 1,
1960, pp 13-16.

AID SIR-3330

Sci - Chem
Aug 60

121, 896

Polymerization of Hexylenes and of Heptylenes on a
Tungsten Sulfide Catalyst, by Ye. G. Vol'pova,
A. V. Ly~~u~~r, 5 pp.

RUSSIAN, per, Khim i Teknologiya Topliv i
Mazel, Vol V, No 1, 1960, pp 32-35.

SLA 60-18739
MS-RJ-2782
203, 244

Sci

Jun 62

Effects of a Gas Cushion on the Thermal Stability of
TS-1 Fuel, by I. N. Danilov, Kh. A. Murzabulatov,
5 pp.

RUSSIAN, per, Khim X i Tekh Topliv i Masel, No 2,
1960, pp 44-46.

JPRS 2791

Sci- Chem

Oct 60

Determination of the Dispersive Efficiency
of Oils With Added Detergents, by
A. M. Rabikobiche, G. C. Vinner, 7 pp.

RUSSIAN, per, Khim i Tekh Topliv i Mesel,
1960, pp 57-61. 9215992

ACSL Tr 1410

Sci - Chem
Jan 64

248,842

The Higher n-Paraffins in Bikitov
and Dolinskoye Crude Oils, by Ye. F.
Yatsenko, N. I. Chernoshukov,
5 pp.

RUSSIAH, per, Khim i Tekh Topliv i
Masel, Vol V, No 3, 1960, pp 1-5.

Sci
Vol IV, No 11
Jun 62

ATS-54444N
ATS-RJ-2929
199,289

The Thixotropic Properties of Lubricating Grease,
by K. I. Klinov, B. I. Leont'yev, 7 pp.

RUSSIAN, per, Khim i Tekh Topliv i Masel, Vol V,
No 3, 1960, pp 17-21. 9088296

A.C.S.I.L. No 1344

Sci - Chem

Jul 62

203, 135

Electrochemical Method for Evaluation of
Protective Properties in Grease Lubricants, by
V. M. Martynov, M. V. Morozova, 8 pp.

RUSSIAN, par, Khim i Tekhnologiya Topliv i Masel,
Vol V, No 3, 1960, pp 22-28.

SLA 60-18740

Sci
Jul 62

203,549

Vol 4, No 12
RUSSIAN to FRENCH: 073 62-26879

The Determination of Solid Material Flow
Rates in Pneumatic Transport Systems,
by G. N. Abayev, 11 pp.

RUSSIAN, per, Khim i Tekh Topliv i
Masel, Vol V, No 3, 1960, pp 28-35.

ATB-29M43DR
ATE/RJ-2482

Sci
Vol IV, No 11
Jun 62

199, 280

Effect of the Conditions of Preparation
on the Porous Structure in Aluminosilicagels,
by A. V. Kiselev, Yu. S. ~~Nikitin~~ Nikitin, 9 pp.

RUSSIAN, per, Khim i Tekhnol Topliv i Masel,
Vol V, No 3, 1960, pp 35-42.

Vol V, No 5
Jul 61

SLA 61-10365
AT&T 12 M43R
AT&T 12 M43R
160,773

Changes in the Tendency of Oil to Form Lacquer
During Operation of an Engine, by A. R.
Kosyakin, 4 pp.

RUSSIAN, per, Khim i Tekh Topliv i
Vazel, Vol V, No 5, 1960, pp 54-56.

Sci
Vol IV, No 11
Jun 62

AT&T-92442R
AT&T-RJ-199, 288

Taubman, A.B., Konstantinova, V.V. and Kryukova, A.S.
DÉTERMINATION DE LA CONCENTRATION CRITIQUE DE FORMATION DE MICELLES DES PRODUITS TENSIOACTIFS (A Method for Determining the Critical Concentration of Micelle Formation of Surface-active Agents), 13p, 13refs, CNRS-VIII bis 652, Order from OTS, ETC or CNRS \$1.60 TT-62-26558

Trans., in French, of Khimiya i Tekhnologiya Toply i Masel (USSR) 1960, v.5, no.3, p.61-66.

DESCRIPTORS: *Colloids, Surface-active substances, *Colorimetric analysis, Volumetric analysis, Spectrophotometers.

(Chemistry--Physical, TT, v. 11, no. 9)

TT-62-26558

I. Taubman, A.B.
II. Konstantinova, V.V.
III. Kryukova, A.S.
IV. CNRS-VIII bis 652
V. Centre National de la Recherche Scientifique, Paris

Office of Technical Services
European Translations Centre

Methods of Increasing the Energy Content of
Hydrocarbon Fuels, by Ye. B. Chertkov, 7 pp.

RUSSIAN, per, Khim i Tekh Topliv i Masel,
No 4, 1960, pp 1-4. 9663464

FTD MCL-1300/1

Sci - Fuels

171, 846

25 Oct 61

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| <p>Levina, M. I. SOLUBILITY OF GASES IN DIESEL FUEL AND IN GAS OIL FROM CATALYTIC CRACKING, INVESTI- GATED UNDER HIGH PRESSURES. [1960] 6p. 3 refs. Order from LC or SLA mi\$1.80, ph\$1.80 61-10364 Trans. of Khim[ical] Tekhnologiya Topliv [i Masel] (USSR) 1960 [v. 5] no. 4, p. 5-7. A determination of solubility for H₂, N₂, CO, CH₄, and CO₂ gases in diesel fuel and in catalytic-cracking gas oil under 3- to 40-atm pressure was made by using the method of V. V. Plar'yev and M. I. Levina (Khim. Tverdogo Topliva §: 866, 1937; available in translation from LC or SLA as 59-14126). The solu- bility coefficient under pressure up to 15 kg/sq cm shows no significant deviation from Henry's law even for CO₂ and CH₄. (Chemistry--Physical, TT, v. 5, no. 8)</p> | <p>61-10364 1. Gases--Solubility. 2. Fuel oil--Solvent properties 1. Levina, M. I. 151420 Office of Technical Services</p> |
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| <p>Isagulyants, V. I., Tishkova, V. N., and Grushevenco, I. A. PRODUCTION OF SYNTHETIC LUBRICATING OILS OF THE TYPE OF POLYGLYCOL ETHERS. [1969] 7p. Order from ATS \$7.85</p> | <p>ATS-73M44R</p> |
| <p>Trans. of Khim[iches]i Tekhnologiya Topliv i Massei (USSR) 1969, v. 5, no. 4, p. 8-13.</p> | |
| <p><i>146,986</i></p> | <p><i>ATS-RJ-3883</i></p> |
| <p>ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED</p> | |
| <p>(Materials--Lubricants, TT, v. 5, no. 5)</p> | <p>61-12336</p> <ol style="list-style-type: none"> 1. Synthetic oils--Production 2. Lubricating oils--Production 3. Ethers--Properties I. Isagulyants, V. I. II. Tishkova, V. N. III. Grushevenco, I. A. IV. ATS-73M44R V. Associated Technical Services, Inc., East Orange, N. J. <p>Office of Technical Services</p> |

(SF-1584)

Present Day Status of Chemistry and Technology of
Petroleum in China, by Chang Ta-yu, 4 pp.

RUSSIAN, per, Khimika i Tekhnologiya Topliv i Masel,
Vol V, No 4, 1960, pp 66-69.

JPBS 4503

Sci - Chem

NLLT¹ 2000
Vol 3, 761-762

Apr 61

147,356

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| <p>Agafonov, A. V., Gel'ms, I. B., and Rabinovich, E. I. CHOICE OF A CATALYST FOR CRACKING RESIDUAL PETROLEUM FRACTIONS AND AN INVESTIGATION OF CATALYST POISONING IN THE PROCESS. Oct 61, 6p. 8 refs. Order from ICE Int'l. v. 1, no. 1, \$15.00/year Trans. of Khim[iya] i Tekhnologiya Topliv i Massel (USSR) 1960 [v. 5] no. 5, p. 6-12. DESCRIPTORS: *Petroleum, Decomposition, Catalysts, *Clays, Aluminates, Metal poisoning, Steam. (Engineering--Chemical, TT, v. 8, no. 8)</p> | <p>62-22183</p> <p>I. Agafonov, A. V. II. Gel'ms, I. B. III. Rabinovich, E. I. IV. International Chemical Engineering, New York</p> | <p>Office of Technical Services</p> |
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| <p>Nazarova, S. S. THE ACTION OF SULFURIC ACID ON TRI-METHYLPENTENES. [1960] 6p. Order from ATS \$8.50 ATS-72M44R Trans. of Khim[iya] i Tekhnologiya Topliv i Masek • (USSR) 1960, v. 5, no. 5, p. 41-45.</p> <p style="text-align: center;">147,047</p> <p style="text-align: center;">15 - 41 - 2931</p> <p>(Chemistry--Organic, TT, v. 5, no. 5)</p> | <p>61-12337</p> <p>I. Pentenes--Chemical reactions 2. Sulfuric acid--Chemical reactions I. Nazarova, S. S. II. ATS-72M44R III. Associated Technical Services, Inc., East Orange, N. J.</p> | Office of Technical Services |
|---|--|------------------------------|

Automation of Catalyst Circulation System in
Catalytic Cracking Installation, by A. F.
Anisimov, A. G. Samarskiy, Yu. A. Alekseyev,
7 pp.

RUSSIAN, per, Khimiya i Tekhnol Topliv i
Masel, Vol V, No 6, 1960, pp 1-6.

SLA 61-10363

Vol V, No 5
Jul 61

160,165

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| <p>Khrulev, M. V., Kogan, P. S., and Potolovskiy, L. A. HIGH TEMPERATURE PYROLYSIS OF THE ETHANE FRACTION IN TUBULAR FURNACES. (1960) 7p. 8 refs. Order from LC or SLA m\$1.80, ph\$1.80 61-10362 Trans. of Khimiya i Tekhnologiya Topliv [i Massej] (USSR) 1960 [v. 5] no. 8, p. 13-17.</p> <p>Conditions for a high temperature pyrolysis of the ethane fraction in tubular furnace were studied and determined for production of a maximum yield in ethylene. The heat course of the furnace work was investigated. Comparative data on ethane fraction pyrolysis in laboratory and pilot plant installations, under equal conditions of temperature and of ethane conversion, are mentioned. (Author)</p> <p>(Engineering--Chemical, TT, v. 5, no. 4)</p> | <p>61-10362</p> <p>1. Ethanes--Decomposition 2. Furnaces--Operation 3. Ethylenes--Production I. Khrulev, M. V. II. Kogan, P. S. III. Potolovskiy, L. A.</p> <p>143,175</p> <p>Office of Technical Services</p> |
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Cherednichenko, G. I., Telyashev, G. G., and
Gumerov, Z. Z.
PRODUCTION OF FEED STOCK FOR THE MANU-
FACTURE OF TRANSFORMER OIL. [Jan 64] 6p
Order from ATS \$8.25 ATS-70Q73R

Trans. of Khim[lya] i Tekhnol[ogiya] Topliv i Masel
(USSR) 1960, v. 5, no. 6, p. 24-28.

DESCRIPTORS: *Oils, Petroleum, Lubricants,
Manufacturing methods.

(Materials--Lubricants, TT, v. 11, no. 10)

TT-64-12403

- I. Title: Transformer oils
- II. Cherednichenko, G. I.
- III. Telyashev, G. G.
- IV. Gumerov, Z. Z.
- V. Associated Technical
Services, Inc., East
Orange, N. J.

Office of Technical Services

Solid Lubricant Coatings, by L. N. Sentyurikhina,
Ye. M. Oparina, Z. S. Rubtsova, N. A. Suvorovskaya,
USSR,

RUSSIAN, per, Khim i Tekh Topliv i Masel, No 7, 1960,
pp 24-29.

*ATIC MCL-1129/1

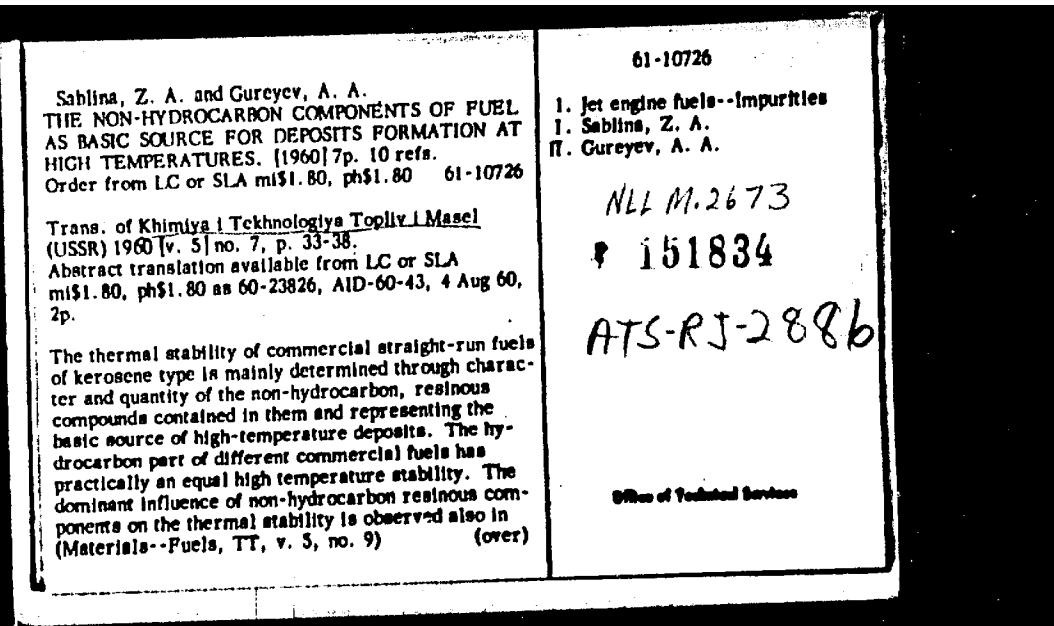
Sci - Fuels

ATS - 76N47R

29 Jun 61

ATS - RJ - 2884

C-1044



Namiat, A. Yu. and Belder, S. Ya.
WATER SOLUBILITY OF N-PENTANE AND N-HEX-
ANE. [1960] Sp. 12 refs.
Order from I.C or S.I.A m\$1.80, ph\$1.80 61-10725
Trans. of Khimika i Tekhnologiya Topliv [I.Masell]
(USSR) 1960 [v. 5] no. 7, p. 52-55.

151833

(Chemistry--Organic, TT, v. 5, no. 9)

61-10725

1. Hexanes--Solubility
 2. Pentanes--Solubility
 3. Water--Solvent properties
- I. Namiat, A. Yu.
II. Belder, S. Ya.

Office of Technical Services

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| <p>Piguzova, L. I., Nikitin, Yu. S., and Shvartsman, L. P. DEPENDENCE OF THE STABILITY OF THE POROUS STRUCTURE AND OF THE ACTIVITY OF A SILICA-ALUMINA CATALYST ON CHANGES IN THE CHEMICAL COMPOSITION. [1961] 7p. Order from ATS \$12.60</p> | <p>ATS-25M47R Trans. of <u>Khimiya i Tekhnologiya Topliv i Masel</u> (USSR) 1960, v. 5, no. 8, p. 15-21.</p> |
| <p>DESCRIPTORS: *Alumina-silica catalysts, Stability, Porosity, Chemical properties.</p> | <p>61-21762 L-1-22244 I. Piguzova, L. I. II. Nikitin, Yu. S. III. Shvartsman, L. P. IV. ATS-25M47R V. Associated Technical Service Inc., East Orange, N. J.</p> |
| <p>ATS-RJ-2875 177734 (Chemistry--Physical TT, v. 6, no. 4)</p> | <p>Office of Technical Services 61-21762</p> |

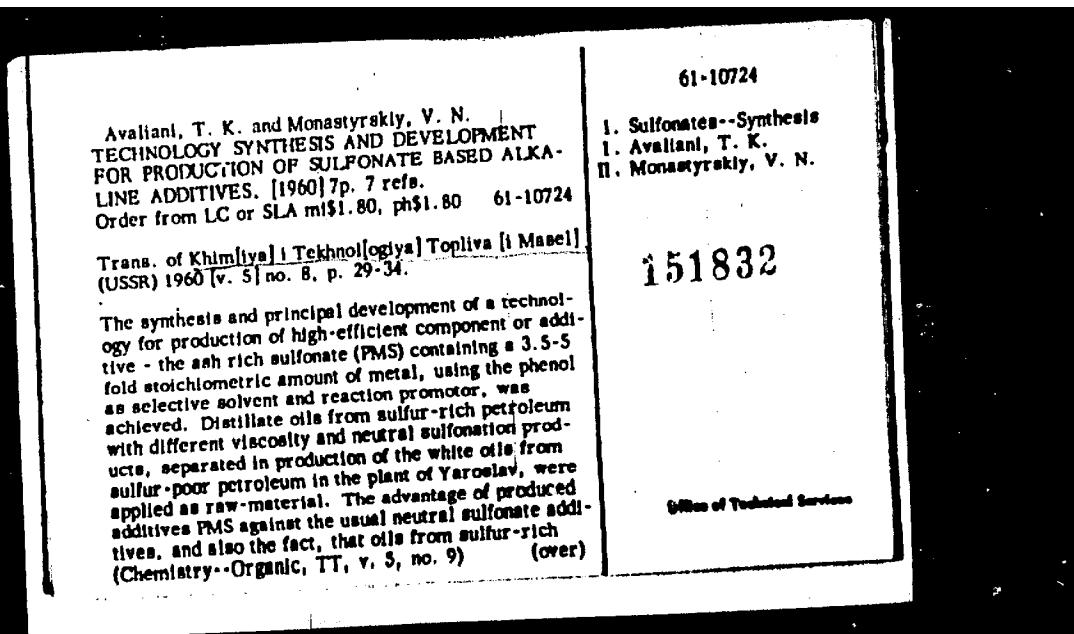
The Oxidation of Soft Paraffin Obtained From
Shale to Fatty Acids.

RUSSIAN, per, Khim i Tekhnol Topliv i Masel, Vol V,
No 8, 1960, pp 21-24.

Possibly to Come From Contacts
per 10 Dec 62 memo
USIB INTERNAL USE ONLY

Sci - Chem

Dec 62



Kusakov, M. M., Lubman, N. M., and
Shchetsko, M. I.
INVESTIGATION OF THE STATE AND DISTRIBUTION
OF WATER IN FUEL, tr. by Lionel Mote.
[1961] [9]p. 5 refs. TRC Trans. no. 1045;
[DSIR LLU] M. 3026.

Order from OTS or SLA \$1.10 61-27575

Trans. of Khimiya i Tekhnologiya Topliv i Masei
(USSR) 1960 [v. 5] no. 8, p. 63-66.

DESCRIPTORS: *Fuels, Water, Distribution.

The quantity of water introduced into a unit volume of fuel at a given temperature (after thorough agitation) can be expressed as $a = s + e + w + v$, where s is the equilibrium solubility of water in the fuel at the given temperature, e is the quantity of water in the fuel in the form of micro-emulsion at the same temperature, (Materials--Fuels, TT, v. 6, no. 9) (over)

61-27575

- I. Kusakov, M. M.
- II. Lubman, N. M.
- III. Shchetsko, M. I.
- IV. TRC Trans-1045
- V. DSIR LLU M. 3026
- VI. Thornton Research Centre,
Shell Research Ltd.
(Gr. Brit.)

185599

Office of Technical Services

Separation of Mixed Aromatic and Aliphatic
Hydrocarbons by Means of Butadiene Nitrile
Copolymers, by G. L. Starobinets.
RUSSIAN, per, Khimiya i Tekh Topliva i
Masel, Vol 5, No 9, 1960, pp 16-19.
NTC 69-12513-07C

Sci-Chem
Aug 69

389,359

Mechanical Entrainment of Gas in Liquid
During Flow Over Perforated Ripple Plates,
by I. A. Aleksandrov, A. I. Skoblo.

RUSSIAN, per, Khim i Tekh Topliva i Masel,
No 9, 1960, pp 42-45.

GB/28

Sci-Engr
Jun 63

~~234,641~~
234,660

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| <p>Chertkov, Ya. B. ON THE MECHANISM OF DEPOSITE FORMATION IN T-JET FUELS, tr. by Lionel Morel, [1961] [12]p. 16 refs. TEC Trans., no. 1049, [DSIR 11.11] M.2133, Order from OTS or SLA \$1.60 61-27531</p> <p>Trans. of Khim[iya i Tekhnologiya] Triflyu i Morel. (USSR) 1960 [v. 5] no. 9, p. 57-61. Abstract trans. is available from LC or SLA in \$1.80, plus \$1.80 as 61-13899, AID-60-66, 7 Oct 60, 2p.</p> <p>DESCRIPTORS: *Jet engine fuels, Chemical reactions, Kerosene, Deposits, Temperature, Stability, *Fuels, For abstract see Technical Translations 5: 24, 1961.</p> <p>(Materials-Public, U.S. v. G. no. 11)</p> | <p>61-27531</p> <p>I. Chertkov, Ya. B. II. TEC Trans. 1049 III. DSIR 11.11 M.2133 IV. Thornton Research Centre, Shell Research Centre, (Gt. Brit.)</p> <p>-188733</p> |
| | <p>Office of Technical Services</p> |

(SF-1207).

Eighth Scientific Conference on the Use of Ultra-acoustics in the Study of Matter, by M. A. Soskin,^{SPP}

RUSSIAN, per, Khim i Tekh Topliv i Masel, No 9, 1960,
pp 71-72.

*JPRS 4218

Sci - Physics/Chemistry

3 Nov 60

Berenson, S. P.

THE LACQUER-FORMING PROPERTIES OF OILS IN
THE VAPOUR PHASE, tr. by Lionel Mote. [1961]
[8]p. 6 refs. TRC Trans. no. 1050; [DSIR LLU]
M4001.

Order from OTS or SLA \$1.10

61-28176

Trans. of Khimika [1] Tekhnologiya Topliv i Masek
(USSR) 1960 [v. 5] no. 10, p. 38-41.

DESCRIPTORS: *Oils, *Vaporization, *Varnishes,
*Phase transitions, Physical properties, Chemical
reactions.

Tests indicated that vapour-phase lacquer-formation
represents one of the important elements in the proc-
ess of formation of lacquer deposits. The intensity of
the lacquer-formation in the vapour phase depends on
the temperature, chemical and fractional composition
(Chemistry--Physical, TT, v. 7, no. 6) (over)

61-28176

- I. Berenson, S. P.
- II. TRC Trans-1050
- III. DSIR LLU M. 4001
- IV. Thornton Research Centre,
Shell Research Ltd.
(Gt. Brit.)

Office of Technical Services

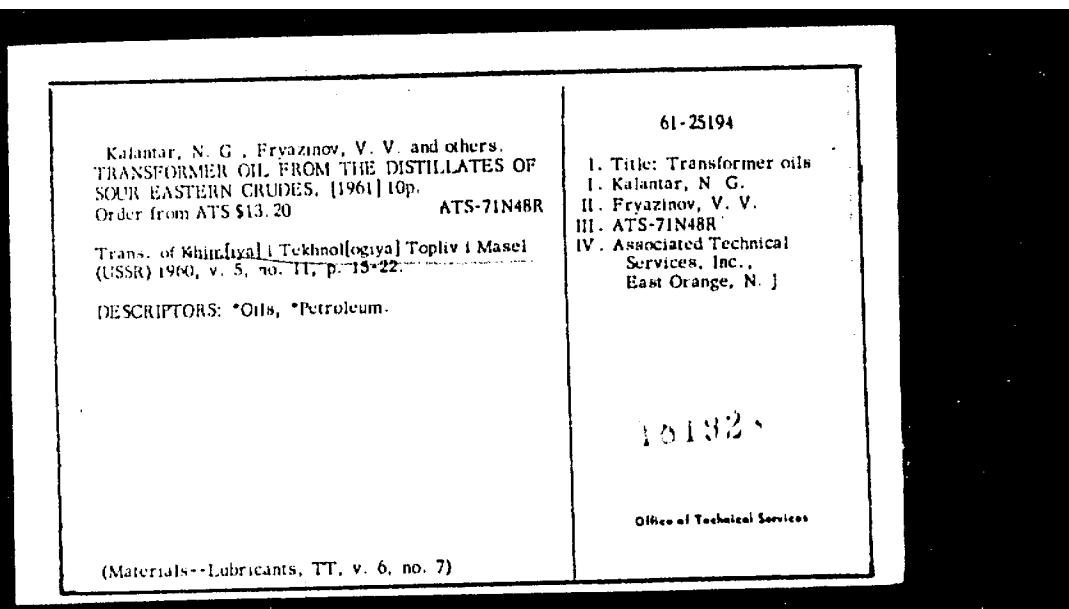
Kinetic Aspects of the Catalytic Cracking
of Heavy Distillate Stocks, by G. M. Pan-
chenkov.

RUSSIAN, per, Khim i Tekhnol Topliv i Masel,
Vol V, No 11, 1960, pp 4-8.

AT&T RJ-3981

Sci-Chem
Dec 63

244.865



(NY-5835)

The Operational Properties of T-Type Fuel
Stabilized by an Antioxidizing Agent FCh-16, by
I. V. Rozhkov, K. I. Klimov, Ye. N. Kornilova,
A. V. Vilenkin, 8 pp.

RUSSIAN, per, Khim i Tekh Topliv i Masel,
Vol V, No 11, 1960, pp 49-53.

JPRS 9024

Sci - Chem

154, 427

May 61

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| Zhukhovitskii, A. A., Selenkina, M. S., and Turkel'taub, N. M. METHOD OF CHROMATOGRAPHIC IDENTIFICATION OF COMPONENTS OF HYDROCARBON MIXTURES. tr. by A. Nagyath. [1961] [20]p. 8 refs. TRC Trans. no. 1051. [DSIR LLU] M. 406. Order from OIC or SLA \$1.60 | 61-28180 |
| Transl. of Kominiv i Turkel'tauva Topliv i Masel (USSR) 1960 [v. 5, no. 11, p. 57-64]. | 1. Zhukhovitskii, A. A. II. Selenkina, M. S. III. Turkel'taub, N. M. IV. TRC Trans-1051 V. DSIR LLU M. 406 VI. Thornton Research Centre, Shell Research Ltd. (Gr. Brit). |
| DESCRIPTIONS: *Hydrocarbons, Mixtures, *Chromato- graphic analysis, Test methods, Identification, Deter- mination, Boiling, Gases, Liquids, Temperature, Mo- lecular structure. | AT&T RJ-3982 1857.00 |
| The method proposed for identifying components of hydrocarbon mixtures enables the qualitative compo- sition of complex mixtures to be determined, on the basis of measurement of retention volumes and of some (Chemistry--Physical, TT, v. 6, no. 11) (over) | Office of Technical Services |

(NY-5835)

An Evaluation of the Combustion Characteristics of
Fuel for Turbojet Engines and Small-Size, Mono-
Chambered Units, by Ye. R. Tereshchenko, B. D.
Zaloga, S. M. Maksimov, 12 pp.

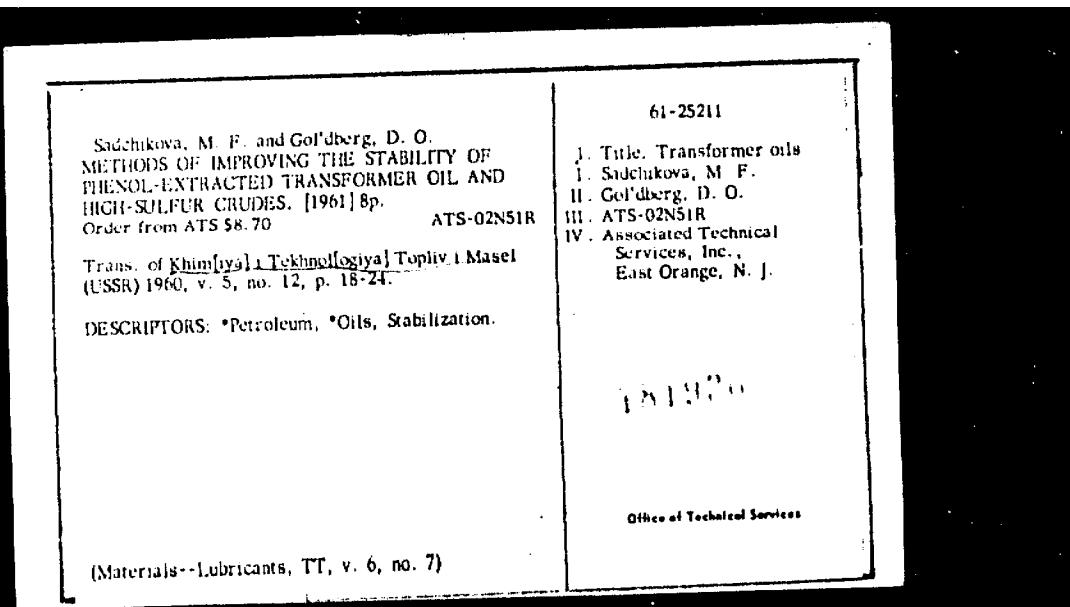
RUSSIAN, per, Khim i Tekh Topliv i Masel, Vol V,
No 11, 1960, pp 64-70.

JPRS 9025

Sci - Chem

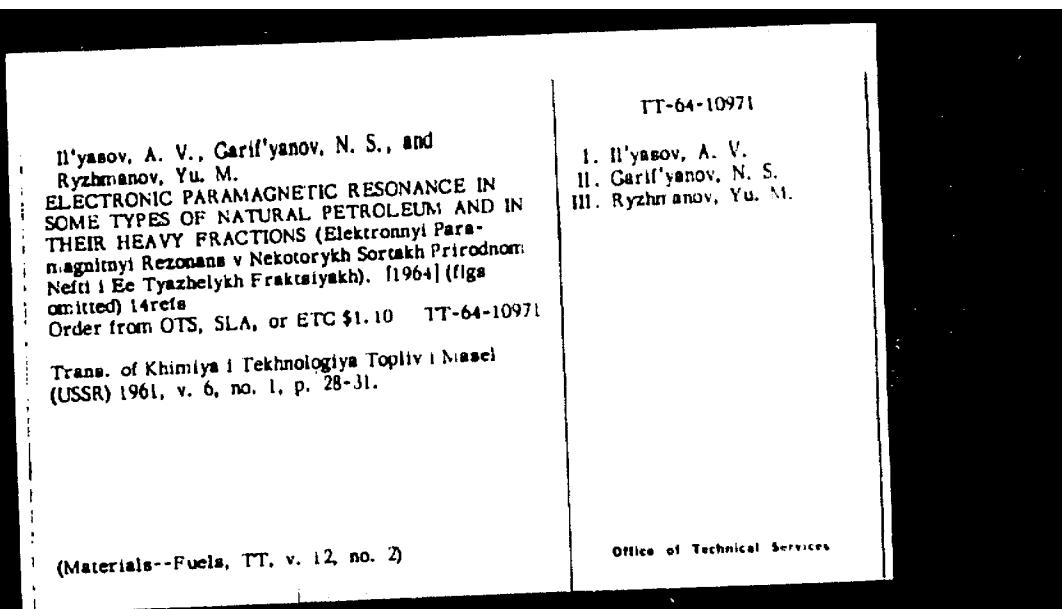
154, 197

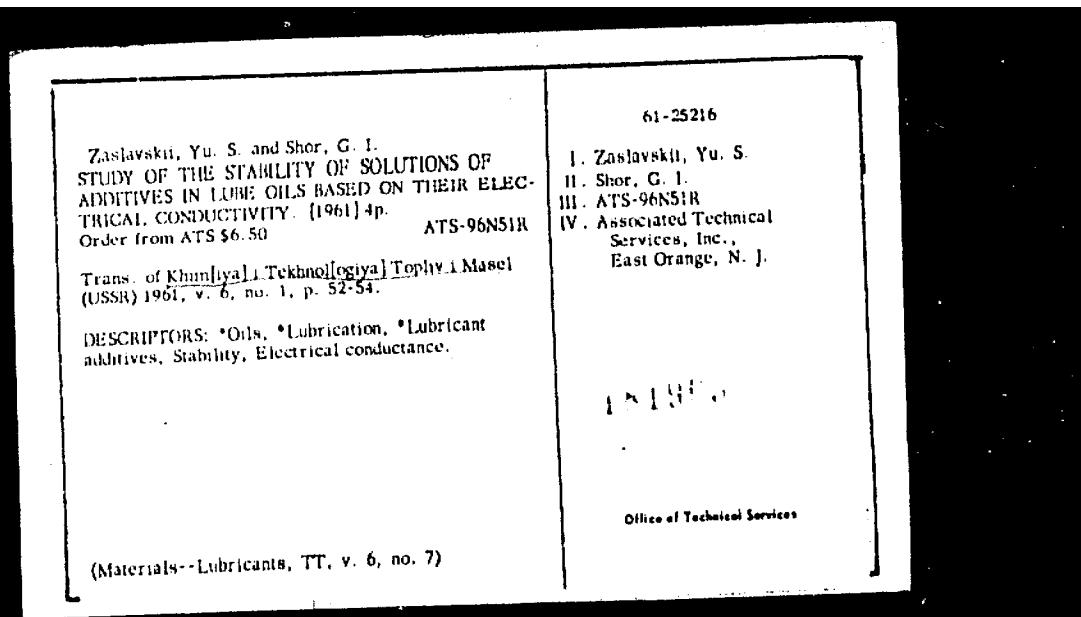
May 61



i Masel

Khim Tekh Toply
i Masel





Somov, V.A. and Krylov, E.I.
SUR LES HUILES A CYLINDRES DES MOTEURS
DIESEL DE GRANDE PUISSANCE A REGIME LENT
(O tsilindrovkh Masiakh Dlya Malooborotnykh
Dizeli Bol'shoi Moshnosti) (Cylinder Oils for Low
Speed High-Output). 12p. (foreign text included)
CNRS-VI 585.

Order from OTS, ETC or CNRS \$1.60 TT-62-28706

Trans. In French of Khimiya i Tekhnologiya Topliv i
Masset (USSR) 1961, v.6, no.1, p.54-57.
Trans. in English is available from ATS \$7.00 as
ATS-59N51R, 1961, 5p.

DESCRIPTORS: Oils, *Diesel engines, *Fuel oil,
Lubricants, Lubricant additives.

(Materials--Lubricants, TT, v. 11, no. 9)

TT-62-28706

I. Somov, V.A.
II. Krylov, E.I.
III. CNRS-VI 585
IV. Centre National de la Recherche Scientifique, Paris

Office of Technical Services
European Translations Centre

Gadaskina, N. D., Plakna, Kh. L., and Rudkovskii, D. M.
PRODUCTION DES DODECYLBENZENESULFONATES
DE SODIUM A PARTIR DES PRODUITS DE COKE-
FACTION (Dodecyl Benzene Sulfonates of Sodium from
Products of Coking). 9p. 4 refs. FR-1776.
Order from OTS, ETC or CNRS \$0.80 62-26439

Trans. in French of Khimiya i Tekhnologiya Topliv i
Mazel (USSR) 1961, v. 6, no. 2, p. 10-16.

DESCRIPTORS: *Detergents, *Sulfonates, Sodium com-
pounds, Phenyl radicals, *Petroleum, Decomposition,
Alkyl radicals.

(Engineering--Chemical, TT, v. 10, no. 9)

62-26439

I. Title: Dodecyl benzene
sulfonates
I. Gadaskina, N. D.
II. Plakna, Kh. L.
III. Rudkovskii, D. M.
IV. F.R.-1776
V. Centre National de la
Recherche Scientifique,
Paris (France)

Office of Technical Services

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| <p>Indyukov, N. M. and Loginova, S. N. CATALYTIC IMPROVEMENT OF KEROSENE BY THERMAL CRACKING. 4 May 61 [1]p. AID rept. 61-60, AD 257 906 Order from OTS or SLA \$1.10 61-23501</p> <p>Abstract trans. of <i>Khimiya i Tekhnologiya Toply</i> 1. Masel (USSR) 1961 [v. 6] no. 2, p. 18-20.</p> <p>DESCRIPTORS: *Kerosene, Fuels, Catalysis, Decomposition, *Fuel oil</p> <p>Cracked kerosene, which boils between 174 and 300°C and which contains a high percentage of unstable hy- drocarbons (actual gums, 84.0%; iodine number, 58.5), can be converted into a diesel fuel (actual gums, 49.4%; iodine number, 5.5 - 6.9). The fuel meets the requirements of Soviet RGF-586-56 standards, except for its low flash point of 28°C (a minimum of 35°C is required). The flash point can be raised by distilling off the head fraction to 165°C (12% by weight). (Materials--Fuels, TT, v. 6, no. 7) (over)</p> | <p>61-23501</p> <p>I. Indyukov, N. M. II. Loginova, S. N. III. AID-61-60 IV. Air Information Div., Washington, D. C. V. AD-257 906</p> <p>10186.5</p> <p>Office of Technical Services</p> |
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Methods of Estimating the Quality of Jet
Fuels, by V. N. Zrelov, 17 pp.

RUSSIAN, per, Khim i Tekh Topliv i Masel,
No 2, 1961, pp 66-70. 9676134

FID-TT-62-17
AIAA(5PP)

Sci - Fuels

189, 765

5 Apr 62

Effect of Velocity of Vapour on Partial Mass-
Transfer Coefficients in the Vapour and Liquid
Phases in Rectification in Plate Columns, By
B. N. Orlov, A. N. Planovskiy.

RUSSIAN, per, Khim i Tekh Toplivo i Maslo, Vol VI,
No 3, 1961, 2 pp 7-10.

MLL M 3884 175,395

Sci - Chem
Mar 63

Molokanov, Yu. K., Aleksandrov, I. A., and
Skoblo, A. I.
VERSUCHS MIT SIEBBÖDEN IN EINER LABORKOLON-
NE (Experiments on Perforated Bottoms in a Labora-
tory Column), 9p. (text in German).
Order from T.I.B. \$1.55

Transl. of Khimiya i Tekhnologiya Topliv i Masek
(USSR) 1961, no. 3, pp. 34-39.

DESCRIPTORS: *Fractionation, Distilling plants,
Test equipment.

62-27020

- I. Molokanov, Yu. K.
- II. Aleksandrov, I. A.
- III. Skoblo, A. I.
- IV. T.I.B.
- V. Technische Informations-
bibliothek Hannover

Office of Technical Services

Methods of Removing Entrained Dust From Cyclones Places
in Fluidized Bed ~~MX~~ Equipment, by B. Ya. Barsukov,
G. S. Erokhin.
RUSSIAN, per, Khim i Tekh Top i Massei, Vol VI, No 3, 1961,
pp 36-39.

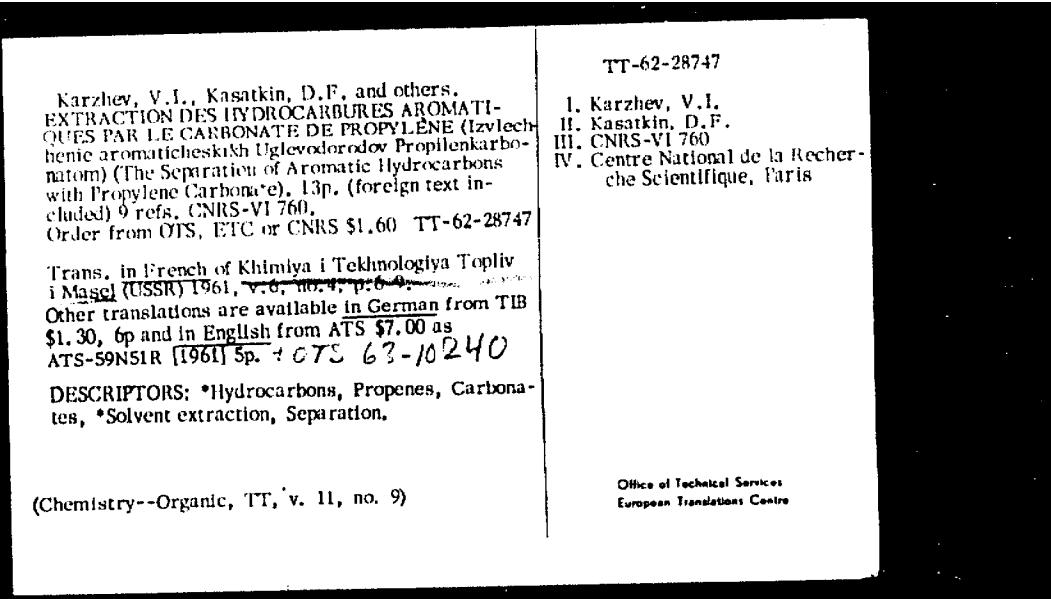
CRL/T. 1327

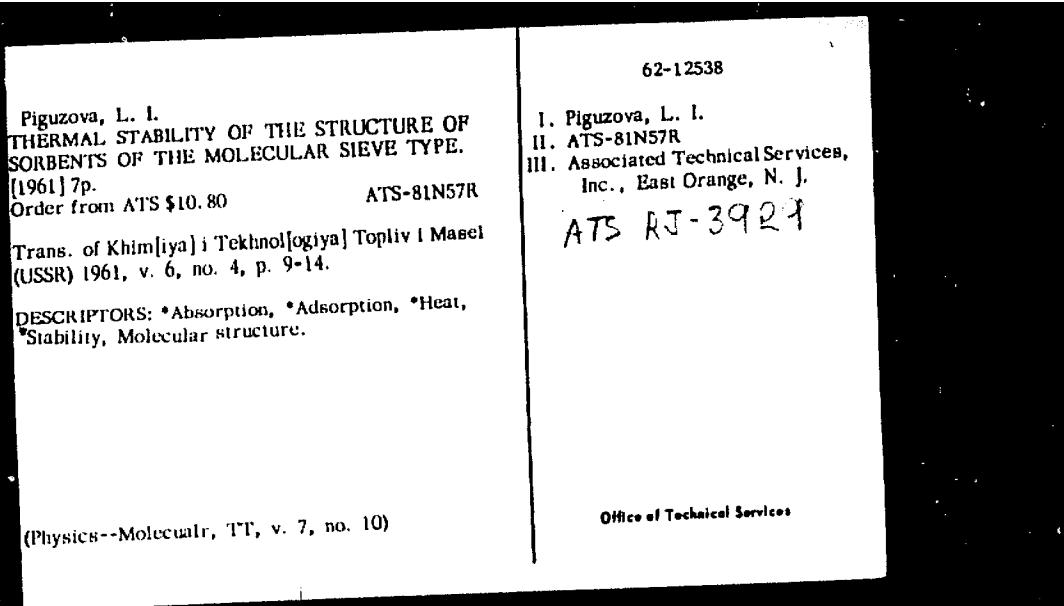
Sci X- M/M

Feb 64

250,138

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| <p>Tayakovskii, V. K. and Levina, M. I. THE OXIDATION OF HYDROCARBONS BY VARIOUS METHODS. [1961] 2p. Order from ATS \$3.00</p> <p>ATS-19N53R</p> <p>Trans. of Khim[ical] Tekhnologiya Topliv i Maset (USSR) 1961, v. 6, no. 3, p. 66-67.</p> <p>DESCRIPTORS: *Hydrocarbons, Oxidation.</p> <p>(Chemistry--Organic, TT, v. 6, no. 6)</p> | <p>61-25067</p> <p>I. Tayakovskii, V. K. II. Levina, M. I. III. ATS-19N53R IV. Associated Technical Services Inc., West Orange, N. J.</p> <p>176728</p> <p>Office of Technical Services</p> |
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Rogov, S. P., Danilevich, A. F. and others.
LUBE OIL HYDROTREATING. [1961] 5p.
Order from ATS \$7.75 ATS-80NS4R

Trans. of Khim[iya] i Tekhnologiya Topliv i Massel
(USSR) 1961, v. 6, no. 4, p. 23-27.

DESCRIPTORS: *Lubrication, *Oils, Processing.

62-12133

- I. Rogov, S. P.
 - II. Danilevich, A. F.
 - III. ATS-88N54R
 - IV. Associated Technical Services, Inc., East Orange, N. J.

(Materials--Lubricants, TT, v. 7, no. 4)

Office of Technical Services

Lube Oil Hydrotreating, by N. M. Gerasimenko, G. I. Yastrebov, 5 pp.

RUSSIAN, per, Khim i Tekh, Topliv i Masel, Vol VI,
No 4, 1961, pp 27-31.

AT&T 87N54R

Sci

Apr 62

Vol VII, No 4

Pal'chikov, G.F.
ORTENTION DE PARAFFINES À PARTIR DES DISTILLATS PARAFFINIQUES PAR EXTRACTION À LA PYRIDINE AQUEUSE (Poluchenie Parafinov iz Parafini Stykh Distillyatorov Ekstraktsiei Vodnym Piridinom) (The Production of Paraffins from Paraffin Distillates with Aqueous Pyridine). 14p. (foreign text included) 4 refs. CNRS-VI 673.
Order from OTS, ETC or CNRS \$1.60 TT-62-28734

Trans. in French of Khimiya i Tekhnologiya Topliv i Masei (USSR) 1961, v.6, no.4, p. 31-35.

DESCRIPTORS: *Petroleum, *Waxes, Distillation, Pyridines.

(Chemistry--Organic, TT, v. 11, no. 9)

TT-62-28734

I. Pal'chikov, G.F.
II. CNRS-VI 673
III. Centre National de la Recherche Scientifique, Paris

Office of Technical Services
European Translations Centre

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| <p>Vishnevskii, N. E. ISOTHERMAL LABORATORY APPARATUS. [1962] 3p. 2 refs. Order from OTS or SLA \$1.10 (2-14857)</p> <p>Trans. of Khim[ijn] i Tekhnologiya Topliv i Masek (USSR) 1961 [v. 1] no. 4, p. 56-57.</p> <p>DESCRIPTORS: *Laboratory equipment, Heat transfer, Towers (Chemistry)</p> <p>The apparatus is designated for creation of isothermal conditions in continuous liquid-phase processes, accom- panied with an important evolution of heat. Con- ditions of the processes: pressure up to 200 atm., temperature until 300°C, useful volume 0.2 l., pro- ductivity 2 L/hour and more. The gas volume of re- actor is reduced to a minimum through installation of a pad between top and lower ball-bearings, made of stainless steel and also all reactor parts, contacting a corrosive medium. (Author)</p> | <p>62-14857</p> <p>I. Vishnevskii, N. E.</p> <p>(Chemistry, TT, v. 8, no. 7) Office of Technical Services</p> | |
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| <p>Dobroly, Ch. M. and Milkarskaya, L. A. INVESTIGATION OF TRANSFORMER OIL STABILITY [1961] Sp. Order from AT&T \$7.25</p> <p>Trans. of Khim[iya] i Tekhnol[ogiya] Topliv i Masel (USSR) 1961, v. 6, no. 4, p. 64-67.</p> <p>DESCRIPTORS: Transformers, *Oils, Stability.</p> <p>(Materials--Lubricants, TT, v. 7, no. 4)</p> | <p>62-12135</p> <p>I. Dobroly, Ch. M. II. Milkarskaya, L. A. III. AT&T-64NS4R IV. Associated Technical Services, Inc., East Orange, N. J.</p> | Office of Technical Services |
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Chernyavskaya, L. F. and Folt, I. F.
A COMPARISON OF METHODS FOR DETERMINING
THE CORROSIVENESS OF MOTOR OILS. [1961] 4p.
Order from ATS \$6.75 ATS-03N56R

Trans. of Khim[iya] i Tekhnologiya Topliv i Masek
(USSR) 1961, v. 6, no. 4, p. 70-72

DESCRIPTORS: *Oils, *Corrosion.

(Metallurgy--Corrosion, TT, v. 7, no. 4)

62-12123

- I. Chernyavskaya, L. F.
 - II. Folt, L. F.
 - III. ATS-03N56R
 - IV. Associated Technical Services, Inc., East Orange, N. J.

Office of Technical Services

Gurevich, I. L. and Zhake, L. Yu.
TRIETHYLENENGLYCOL AS SELECTIVE SOLVENT
OF AROMATIC HYDROCARBONS. [1962] 9p. 14 refs.
Order from OTS or SLA \$1.10 62-16125

Trans. of Khim[iya] i Tekhnologiya Trubiv i Masel
(USSR) 1961 [v. 6] no. 5, p. 11-14.

DESCRIPTORS: *Organic solvents, *Glycols, *Ethyl-
enes, Hydrocarbons, Benzenes.

Triethyleneglycol was studied as a selective solvent
and its convenience for extraction of aromatic hydro-
carbons was demonstrated. Efficiency of the multiple
stage extraction is shown. It was found, that the graphic
methods of Hunter and Nash and of Verteresyan and
Pinske for determination of the number of extraction
steps give results agreeing with the experiment and can
be applied for solution of practical problems connected
(Chemistry--Organic, TT, v. 9, no. 4) (over)

62-16125

I. Gurevich, I. L.
II. Zhake, L. Yu.

Office of Technical Services

Osdipov, L. N., Fersik, I. Ya. and others.
HYDROTREATING DIESEL FUEL DISTILLATE
WITH HYDROGEN CONTAINING CARBON MONOXIDE
AND CARBON DIOXIDE IMPURITIES. [1961] 4p.
Order from ATS \$5.75 ATS-76N36R

Trans. of Khim[iya] i Tekhnol[ogiya] Topliv i Masel
(USSR) 1961, v. 6, no. 5, p. 15-17.

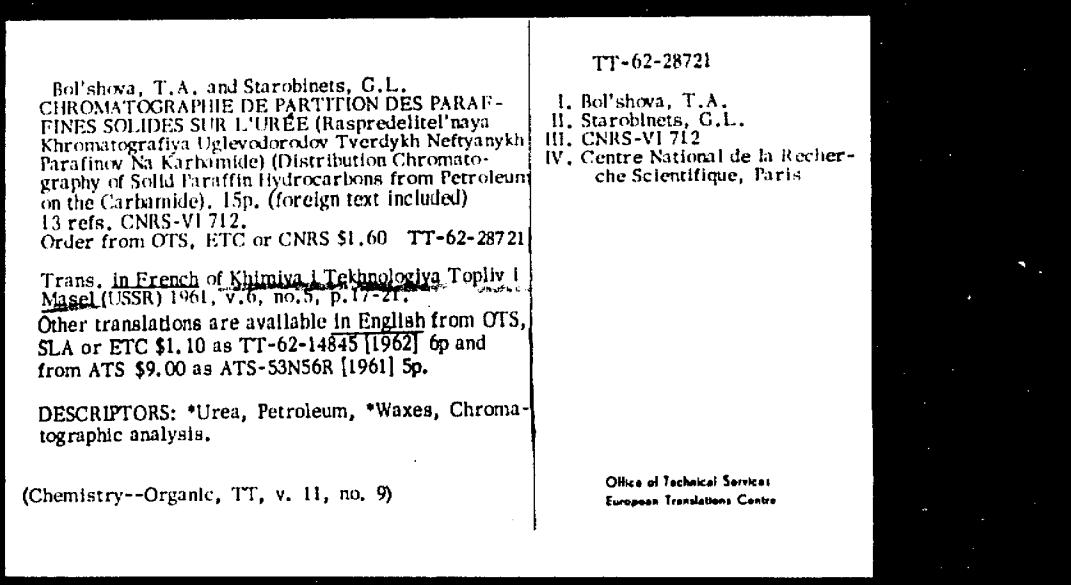
DESCRIPTORS: *Fuels, Processing, *Fuel oil, Hydrogen, Carbon compounds, *Monoxides, *Carbon dioxide impurities, Diesel engines.

(Materials--Fuels, TT, v. 7, no. 4)

62-12153

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| <p>Dadayan, G. T., Ol'kov, P. L. and others. EXPERIMENTAL LOW-TEMPERATURE DEWAXING OF OILS USING METHYL ETHYL KETONE. [1961] 7p. Order from ATS \$8.40</p> <p>ATS-19N56R</p> <p>Trans. of Khim[iya] i Tekhnol[ogiya] Topliv i Massei (USSR) 1961, v. 6, no. 6, p. 17-21.</p> <p>DESCRIPTORS: *Oils, Purification, *Waxes, Sepa- ration, Methyl radicals, Ethyl radicals, Ketones.</p> <p>(Materials--Lubricants, TT, v. 7, no. 4)</p> | <p>62-12122</p> <p>I. Dadayan, G. T. II. Ol'kov, P. L. III. ATS-19N56R IV. Associated Technical Services, Inc., East Orange, N. J.</p> <p>Office of Technical Services</p> |
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